

Converting Colors

XYZ(68.0217, 46.6874, 44.3030)

Have a look what the booklet for
XYZ(68.0217, 46.6874, 44.3030)
contains.

XYZ(57.0739, 41.0136, 43.9380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0739, 41.0136,
43.9380)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85AC
RGB	255, 133, 172
RGB Percent	100%, 52%, 67%
CMY	0.0000, 0.4784, 0.3255
CMYK	0.00, 0.48, 0.33, 0.00
HSL	341°, 100%, 76%
HSV	341°, 48%, 100%
XYZ	57.0739, 41.0136, 43.9380
YIQ	173.9240, 60.1930, 37.9930

Conversions

Conversions Part 2

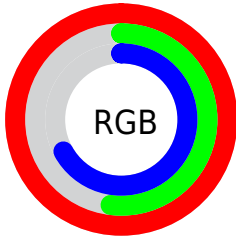
Format	Color
R_{YB}	255, 133, 172
Decimal	16745900
CIE _{Lab}	70.19, 50.34, 0.80
CIE _{LCh}	70, 50.346, 0.912
Yxy	41.0136, 0.4019, 0.2888
Android (android.graphics.Color)	4294935980 (0xFFFF85AC)
YUV	173.9240, -0.9485, 71.1037
Hunter-Lab	64.0419, 47.0054, 4.1515

Details

The XYZ color **57.0739, 41.0136, 43.9380** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.8295, 81.4653, 77.6465**, and the grayscale version is **40.1774, 42.2697, 46.0317**.

A 20% lighter version of the original color is **73.3027, 63.2012, 81.0086**, and **28.6918, 18.5501, 19.8376** is the 20% darker color. If you saturate the color by 10%, you get **52.4379, 34.2363, 34.7017**, and if you desaturate by 10%, it is **62.7769, 49.5765, 54.6041**.

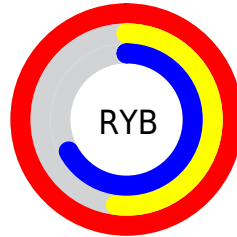
Distribution



Red (100%)

Green (52%)

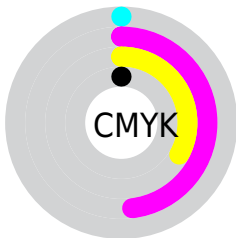
Blue (67%)



Red (100%)

Yellow (52%)

Blue (67%)

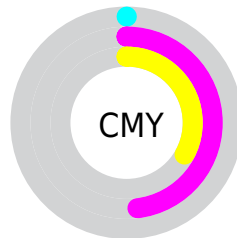


Cyan (0%)

Magenta (48%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0739, 41.0136, 43.9380 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.0739, 41.0136, 43.9380 by changing the saturation by 10% instead.


 57.0739, 41.0136,
43.9380


 57.0739, 41.0136,
43.9380


403.7359,
350.3775, 378.4892


 41.3049, 28.3297,
30.2849


 99.7037, 76.7045,
82.4259

 28.7462, 18.5743,
19.8011

 127.2953,
100.4804, 108.0979

 19.0322, 11.3631,
12.0679

 159.5585,
128.7223, 138.6132

 11.7977, 6.3116,
6.6668

196.8587,
161.8148, 174.3904

 6.6773, 3.0355,
3.1794

239.5611,
200.1421, 215.8480

 3.3056, 1.1503,
1.1869

288.0312,

 1.3174, 0.0205,

244.0887, 263.4047

0.0000

342.6344,
294.0391, 317.4789

■ 0.1962, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0739, 41.0136,
43.9380

■ 57.0739, 41.0136,
43.9380

■ 52.4379, 34.2363,
34.7017

■ 62.7769, 49.5765,
54.6041

■ 48.7949, 29.1105,
26.8279

■ 69.6077, 60.0343,
66.7580

■ 46.0662, 25.4927,
20.2470

■ 77.6262, 72.4947,
80.4570

■ 44.1585, 23.2117,
14.8809

■ 86.8871, 87.0555,
95.7548

■ 42.9496, 22.0395, 95.0500, 100.0000,
10.6378 108.9000

■ 42.7443, 21.8617,
9.8517

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.5376, 41.0136, 70.5579



57.0739, 41.0136, 43.9380



54.2225, 41.0136, 25.1615

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0739, 41.0136, 43.9380



31.3937, 41.0136, 15.9368



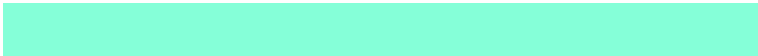
31.7736, 41.0136, 97.2267

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.0739, 41.0136, 43.9380



57.8295, 81.4653, 77.6465

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.9041, 41.0136, 72.2697



57.0739, 41.0136, 43.9380



26.7075, 41.0136, 26.0252

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0739, 41.0136, 43.9380



38.7304, 41.0136, 12.9105



25.1854, 41.0136, 45.3835



39.2351, 41.0136, 107.1537

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0739, 41.0136, 43.9380



49.8535, 41.0136, 17.8782



25.1854, 41.0136, 45.3835



29.8187, 41.0136, 89.9661

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.0750, 41.0156, 43.9388



81.0329, 77.8329, 86.1399



54.2682, 38.3438, 99.1486



16.9298, 16.0093, 17.7478



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0750, 41.0156, 43.9388



52.7883, 34.7405, 35.4244



56.9210, 45.8474, 28.0423



18.2486, 18.0828, 19.9263



22.3946, 11.4471, 5.4626



2.2278, 1.1335, 0.7809

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57.0750, 41.0156, 43.9388



52.7883, 34.7405, 35.4244



57.3373, 71.4338, 105.3738



18.2486, 18.0828, 19.9263



22.3946, 11.4471, 5.4626



2.2278, 1.1335, 0.7809

Previews

White Background



This preview shows how the XYZ color 57.0739, 41.0136, 43.9380 looks on a white background.

Color Contrast Check

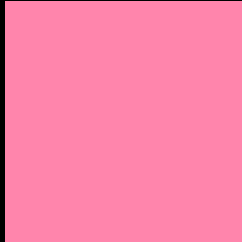
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.0739, 41.0136, 43.9380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0739, 41.0136, 43.9380

Background



This preview shows how black text looks on a background with the XYZ color 57.0739, 41.0136, 43.9380.



This preview shows how white text looks on a background with the XYZ color 57.0739, 41.0136,

43.9380.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0739, 41.0136, 43.9380

Protanopia

40.5617, 41.3908, 57.4811

Deuteranopia

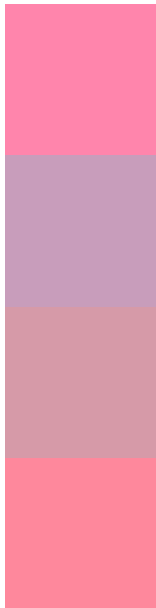
42.0050, 41.1020, 41.7960



Tritanopia

54.7201, 40.8806, 32.6104

Trichromacy



Original Color

57.0739, 41.0136, 43.9380

Protanomaly

44.8460, 39.9812, 52.3672

Deuteranomaly

46.3550, 40.2345, 42.3686

Tritanomaly

55.6780, 41.0794, 36.4471

Monochromacy



Original Color

57.0739, 41.0136, 43.9380

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

44.5696, 40.5099, 45.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0739, 41.0136, 43.9380 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 133, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 133, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 172) }
```

Border

The CSS property to change the border of an element to XYZ 57.0739, 41.0136, 43.9380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 133, 172) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 133, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 133, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0739, 41.0136, 43.9380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
133, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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